

69397

SOV/137-59-4-8424

Translation from: Referativnyy zhurnal, Metallurgiya, 1959, Nr 4, p 155 (USSR)

24.2600
AUTHORS:

Pastushuk, N.S., Litvinova, L.B., Reznik, M.V., Korsunskiy, M.I.

TITLE:

Negative Photoconductivity of Thin Selenium Layers With Tellurium
Admixtures

PERIODICAL:

Tr. Khar'kovsk. politekhn. in-ta, 1958, Vol 14, pp 111 - 115

ABSTRACT:

The authors investigated photoconductivity of thin layers²⁵ (order of magnitude of 10^{-15} cm²) of amorphous Se with admixture of $\sim 4\%$ Te, obtained by condensation in a vacuum on a glass backing at room temperature. Initially, conductivity was not observed in the layers. After holding in a vacuum of $10^{-2} - 10^{-3}$ mm Hg, under the effect of Hg vapors, positive and negative photoconductivity developed in the specimens. The constants of time of positive and negative photoeffects differ from each other by many orders of magnitude; the magnitude of the negative photoeffect is considerably higher. The stationary magnitude of light conductivity is attained within 15 - 20 minutes.

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SOV/137-59-4-8424

Negative Photoconductivity of Thin Selenium Layers With Tellurium Admixtures

The relaxation time of "negative" conductivity, determined from the moment of switching-off the light until the establishment of equilibrium dark conductivity, is of the order of 12 - 16 hours. The effect of negative photoconductivity is rather stable and may be observed on a number of specimens during 2 - 3 months.

V.G.

Card 2/2

SOV/81-59-8-26303

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 8, p 36 (USSR)

AUTHOR: Reznikov, M.Ya.

TITLE: The Photoconductivity of Selenium With Admixtures of Sulfur Under the Action of X-Rays

PERIODICAL: Uch. zap. Belorussk. un-t, 1958, Nr 41, pp 165 - 169

ABSTRACT: Se samples with S admixtures have a lower dark conductivity than pure Se, in which case the conductivity decreases with an increase in the admixture (0 - 0.1%). The relative increase in the photocurrent in Se samples with S admixtures is higher than in Se samples and depends on the S concentration. The introduction of definite S concentrations makes it possible to increase the sensitivity of Se to X-rays.

Author's summary

Card 1/1

KNERL', Grigoriy Mikhaylovich; REZNIK, Moisey Yakovlevich; CHERTOK,
Mark Semenovich; BELOSTOTSKIY, I.A., red.; BALKOVSKAYA,
I.Z., red. izd-vo; SALAZKOV, N.P., tekhn. red.

[Textbook for a streetcar driver of the third grade]
Uchebnoe posobie dlia vokitelia tramvaia 3 klassa. Moskva,
Izd-vo M-va kommun.khoz.RSFSR, 1962. 379 p. (MIRA 16:7)
(Street railways--Employees)

BOZNIK, I.P.; ANDRUSOV, N.P.; DUBINSKIY, A.M.; ISKOV, M. A. I.

Experience in the operation of a unit for the purification of ballast water. Transp. i khran. nefi pt. 2:18-21. '64.

(MIRA 17:18)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhelezнодорожного транспорта Министерства путей сообщения, Ventspilseskaya perevalichnaya nefelaza i Gosudarstvennyy institut po proyektirovaniyu morskikh portov i sudoremontnykh predpriyatiy Ministerstva morskogo flota SSSR.

REZNIK, N.F.; KARAVAYEV, I.I.; GRISHIN, K.S.; PERFILOVA, S.P.

Purification of sewage. Put' i put.khoz. 7 no.7:19-20 '63.
(MIRA 16:10)

KARAVAYEV, I.I.; REZNIK, N.F.; FILIPPOVA, L.S., red.; VOROTNIKOVA, L.F.,
tekhn. red.

[Flotation purification of sewage water from washing and steaming stations] Flotatsionnaia ochistka stochnykh vod promyvochno-proparochnykh stantsii i depo. Moskva, Vses.izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 19 p.

(MIRA 15:1)

(Sewage---Purification)

REZNIK, N.F.; TSITOVICH, S.I.

Automatic sampler for petroleum polluted waters. Transp. i
khran. nefti no. 3:25-27 '63. (MIRA 17:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo
transporta Ministerstva putey soobshcheniya i Gosudarstvennyy
proyektno-konstruktorskiy i nauchno-issledovatel'skiy institut
morskogo transporta.

REZNIKOV, V., inzh.

New requirement of exterior lighting system of automobiles.
Avt. transp. 36 no.10:38-40 0 '58. (MIRA 13:1)
(Automobiles--Lighting)

112-3-5157D

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957, Nr 3, p. 12
(USSR)

AUTHOR: Reznik, M. B.

TITLE: The Electrical Conductivity of Mercury-Treated Selenium
(Ob elektroprovodnosti selena, obrabotannogo rtut'yu)

ABSTRACT: Bibliographic entry on the author's dissertation for the
Degree of Candidate of Physico-Mathematical Sciences,
presented to the Khar'kov Polytechnical Institute (Khar'kovsk. politekhn. in-t), Khar'kov, 1956.

ASSOCIATION: Khar'kov Polytechnical Institute (Khar'kovsk. politekhn.
in-t)

Card 1/1

17(12)

SOV/177-58-11-31/50

AUTHORS: Reznik, M.B., Captain of the Medical Corps, Candidate of Pharmaceutical Sciences; and Sabirov, F.I., Senior-Lieutenant of the Medical Corps

TITLE: A Method for Mass Investigation of the Vitamin C Content of the Body

PERIODICAL: Voenno-meditsinskiy zhurnal, 1958, Nr 11, p 83 (USSR)

ABSTRACT: The content of Vitamin C was simultaneously determined in the blood and urine of 147 persons by means of N.S. Zheleznyakova's method. The authors ascertained, that there is a quantitative dependence between the concentration of vitamin C in the blood plasma and its hourly elimination with the urine in the morning on an empty stomach. Zheleznyakova's method can be applied in mass investigation of groups for the approximate evaluation of the vitamin C saturation of the organism. If in most persons under

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SOV/177-58-11-31/50

A Method for Mass Investigation of the Vitamin C Provision of the Body

investigation vitamin C in the urine amounts to 0.5 mg/hr or less, this fact has to be considered as a lack of vitamin C and if necessary the blood has to be investigated.

Card 2/2

REZNIK, M.B.

1. Volatile substances from garlic. A. M. Elshitski and
M. B. Reznik (Chem. Pharm. Inst., Leningrad). 2. *Izv.
Akad. Nauk. 17: 1727-30 (1957).* Passage of N through
crushed garlic and bubbling the effluent gas through Hg-
Ca soln. gave a ppt., m. (decomp.) 200°. Identified as
(CH₃:CHCH₂)₂SO. If the operation is performed at Dry
Ice temp., the volatile products are not the same as obtained
by steam distn. The products obtained by the low-temp.
operation are more biologically active than are the latter
products. G. M. Koshegoff.

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REZNIK, M. B.

Reznik, M. B.

"On the electrical conductivity of selenium treated with mercury."
Min Higher Education Ukrainian SSR. Khar'kov Polytechnic Inst
Ireni V. I. Lenin. Khar'kov, 1956 (Dissertation for the degree of
candidate in Physicomathematical Science)

Knizhnaya letovis'

No. 25, 1956. Moscow

1. REZNIK, M.B.
2. USSR (600)
4. Grinding and Polishing
7. Demonstration of the electric polishing of metals. Fiz.v shkole 12 no. 6, 52

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

PROCESSES AND PROPERTIES INDEX																									
1ST AND 2ND COLUMNS													14TH AND 15TH COLUMNS												
Laws of the Austenite — Pearlite Transformation. S. A. Kazeev and M. B. Reznik. (Metallurgist, Russia, 1937, vol. 12, No. 2, Feb., pp. 43-50). (In Russian). The authors apply their law relating the quantity of residual austenite to time to eight steels containing from 0 to 6.7% of chromium. The formula which they derived to express this relationship is shown to be valid; the transformation of austenite to pearlite actually commences before the break in the cooling curve and proceeds, not at one definite temperature, but within a certain interval. The so-called "critical point" A_{r1} represents only the temperature at which the transformation velocity attains a maximum. The velocity of transformation is 13.7% by weight of the austenite per second at an initial cooling temperature of 850° C. and 1-10% for an initial temperature of 925° C. The transformation velocity is a complex function of the chromium content with a minimum at 0.9% of chromium.																									
ASTM S.E.A. METALLURGICAL LITERATURE CLASSIFICATION																									

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Laws of the Austenite — Pearlite Transformation. S. A. Kazisev and M. B. Reznik. (Metallurgist, Russia, 1937, vol. 12, No. 2, Feb., pp. 43-50). (In Russian). The authors apply their law relating the quantity of residual austenite to time to eight steels containing from 0 to 0.7% of chromium. The formula which they derived to express this relationship is shown to be valid. The transformation of austenite to pearlite actually commences before the break in the cooling curve and proceeds, not at one definite temperature, but within a certain interval. The so-called "critical point" A_{r1} represents only the temperature at which the transformation velocity attains a maximum. The velocity of transformation is 13.7% by weight of the austenite per second at an initial cooling temperature of 800°C. and 1.10% for an initial temperature of 925°C. The transformation velocity is a complex function of the chromium content with a minimum at 0.9% of chromium.

ADDITIONAL METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND CAPES

PROCESSES AND PROPERTIES INDEX

COMMON ELEMENTS

9

Laws governing the transformation of austenite into pearlite. S. A. Kazeev and M. B. Reznik. *Metallurg* 12, No. 2, 43-50 (1937).—Steels contg. C 0.55-1.21 and Cr 0.32-0.68% were cooled from 925° in a magnetometer. The data obtained show that the percentage of undecomposed austenite A as a function of time t is expressed by the equation $A = 100 e^{-at}$, a and n being const. If the cooling curve is plotted against the transformation curve, the break in the cooling curve at the A_r point corresponds to the max. rate of transformation. This temp. is detd. by equil. between heat losses of cooling and heat gains from the transformation. The austenite-pearlite transformation actually takes place over an extended temp. range and the A_r point should be considered only as the temp. at which the rate of transformation is a max. H. W. R.

ASM-A.S.A. METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND CAPES

REZNIK, M.G.

124. DYNAMICS OF COAL DRYING. Reznik, M.G. and Eidel'man, E.Ya.
(Khim. Tekhnol. Topliva (Chem. Technol. Fuel, Moscow), July 1956, 36-41).

Eight coals varying in rank from long flame to anthracite were dried in the laboratory at 60°C. The curves obtained show that the drying of coals differs from the drying of other damp materials, and differs between one rank of coal and other. The differences are explained by the character of the bond between the moisture and the coal and by differences in the structures of different coals. (L).

REZNIK, M.G.; EYDEL'MAN, Ye.Ya.

Dynamics of coal drying. Khim.i tekhn. topl.no.7:36-44 JI '56.
(MIRA 9:9)

1.Donetskiy industrial'nyy institut.
(Coal preparation)

REZNIK, M. G.

REZNIK, M. G. -- "The Problem of the Development of Flatbed Printing in the Ukraine."
Min Higher Education USSR. Moscow, 1955. (Dissertation for the Degree of Candidate in Technical Sciences).

So: Knizhnaya letopis', No 8, 1956, pp 97-103

REZNIK, M.G., inzhener (Kiyev)

In honor of the 300th anniversary of the reunion of the Ukraine
and Russia. Poligr.proizv. no.3:7-9 My-Je '54. (MLRA 7:8)
(Ukraine--Printing industry) (Printing industry--Ukraine)

REZNIK, M. G.

Reznik, M. G.

"The Problem of the Development of the Flat-Bed Press in the Ukraine."
Min Higher Education USSR. Moscow Polygraphics Inst. Moscow, 1955.
(Dissertation for the Degree of Candidate in Technical Science)

So: Knizhnaya letopis', No. 27, 2 July 1955

REZNIK, M.G., inzhener (Kiev).

Results of the Third Review on Rationalization in the Ukrainian printing
industry. Poligr. proiz. 4:7-8 Ap '53. (MLBA 6:6)
(Ukraine--Printing industry)

SOV/65-58-9-11/14

AUTHORS: Reznik, M. G. and Eydel'man, Ye. Ya.

TITLE: The Effect of the Rate of Heating of Coal on the Course of Separation of Volatile Substances. (Vliyaniye skorosti nagrevaniya uglya na khod vydeleniya letuchikh veshchestv).

PERIODICAL: Khimiya i Tekhnologiya Topliv i Masel, 1958, Nr.3. pp. 56 - 59. (USSR).

ABSTRACT: Investigations were carried out on the effect of the rate of heating Donets gas coal by continuous weighing. 1 g of coal samples in an ampule was heated in a nitrogen current. The variations in weight were observed with the aid of a microscope and a photographic microscale. At the same time the temperature of the coal was registered every 30 seconds (accuracy of temperature measurements = $\pm 0.5^\circ$). The rate of heating varied within the limits of 2 - 60°/minute. Details of a method of investigation and of a plan were described in an earlier article by M. G. Reznik (Ref.1). Some fractions of coal, enriched in their petrographic composition, were also tested. The investigations showed that the micro-components of the group of regular elements are concentrated mainly in the fractions having a specific weight below 1.25 (20 - 30%).

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SOV/65-58-8-11/14

The Effect of the Rate of Heating of Coals on the Course of Separation of Volatile Substances.

The characteristics of the investigated samples are given in Table 1. Figs. 1 and 2: integral curves showing the dependence of the loss of weight-temperature on the temperature at the start of intensive thermal decomposition of various types of coal. It can be seen that the rate of heating influences the separation of volatile substances. The aforementioned temperature increases with increasing rate of heating, especially in the case of fractions having a specific weight below 1.25. The weight of volatile materials varies considerably with the changing rate of heating. This applies particularly in the range of temperatures between 400°C and 500°C. A comparison of the loss of weight during heating to various temperatures at different rates is given in Table 3. The rate of heating has to be sufficiently high and the final temperature must not exceed the temperature at which disintegration starts. This temperature depends on the petrographic composition of the coal. It was found that after reaching a certain defined temperature (or narrow temperature interval) the

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SOV/53-65-9-11/14

The Effect of the Rate of Heating of Coals on the Course of Separation of Volatile Substances.

weight of the separated volatile materials is practically independent of the rate of heating. There are 2 Figures, 5 Tables and 2 Soviet References.

ASSOCIATION: Donetskiy politekhnicheskii institut. (Donets Polytechnic Institute).

1. Coal gas--Production
2. Coal--Temperature factors

Card 3/3

REZNIK, M. G.

USSR /Chemical Technology, Chemical Products
and Their Application

I-15

Treatment of solid mineral fuels

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31801

Author : Reznik M. G.

Inst : Donets Industrial Institute

Title : Dynamics of the Emission of Volatiles from Coal.

Orig Pub: Tr. Khim.-tekhnol. fak. Donetsk. industr. in-ta,
1956, No 1, 62-78

Abstract: A study was made of the dynamics of emission of
volatiles from coal, using a laboratory appara-
tus in which the spring balance, that indicates
the decrease in weight of the sample, serves at
the same time as the conductor of the thermocouple,

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USSR /Chemical Technology. Chemical Products
and Their Application

I-15

Treatment of solid mineral fuels

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31801

which is used to measure the temperature in the body of the material, while the thermocouple serves as the support from which is suspended the vessel containing the material under study. To prevent oxidation a current of nitrogen is passed through the apparatus during the experiments. Curves of the rate of emission of volatiles have two maxima: one at a temperature of 100-150°, which is caused by emission of moisture, and another at 450-500°, due to intensive thermal decomposition. Considerable differences in the rate of emission of volatiles, from different varieties of coal, are noted up to

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USSR /Chemical Technology. Chemical Products
and Their Application

I-15

Treatment of solid mineral fuels

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31801

590-600°. It was found that the degree of metamorphism and the rate of heating (up to 550°) affect substantially the dynamics of emission of volatiles.

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REZNIK, M.G.

USSR /Chemical Technology. Chemical Products
and Their Application

I-15

Treatment of solid mineral fuels

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31810

Author : Reznik M.G., Eydel'man Ye. Ya.

Title : Dynamics of Coal Drying

Orig Pub: Khimiya i tekhnol. topliva, 1956, No 7, 36-44

Abstract: By using a laboratory apparatus with a torsion balance a study was made of dynamics of drying of different varieties of coal and anthracite. It is shown that anthracite, long-flame coal and to some extent gas coal are characterized by high values of first critical moisture content (FCM), as a result of which they have a prolonged period of decreasing rate of drying. FCM is minimal in

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Preparation of a beverage rich in vitamin C from horse-radish leaves. M. I. Reznik. *Gigiena i Sanit.* 1951, No. 11, 34-5.—Of numerous plants examd. the leaves of horse-radish contained most vitamin C (270-80 mg. % ascorbic acid). Extn. with hot 0.4% NaCl soln., fermentation with 0.5% yeast to remove the objectionable taste, and addn. of a little sugar yield a beverage with 60-7 mg. % ascorbic acid i that remains stable for 3-4 weeks if kept in closed bottles
G. M. Kosolapoff

REZNIK, M. Kh

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SPRAVOCHNIK SLESARYA-DOSTROYSHCHIKA PO TEKHNologii POMAZHA SUDOVYKH USTROYSTV, DEL'NYKH VESHCHey I OBOUROVANIYA .POVECHHENIY (MECHANIC'S MANUAL ON THE TECHNOLOGY OF FITTING SHIP INSTALLATIONS AND EQUIPMENT, BY) P. KH. GREDEL'SKIY
(1) M. KH. REZNIK. Leningrad, SUDPRONGIZ, 1956. 171 p. ILLUS., DIAGRS.,
TABLES. BIBLIOGRAPHY: p. (170)

GREBEL'SKIY, Petr Khaimovich, ~~REZNIK, Myer Khaimovich~~, DORMIDONTOV, F.K.,
otv.red.; TSAL, R.K., tekhn.red.

[Installation of metal appointments in ships] Montazh metallichesкого
oborudovaniia sudovykh pomeshchenii. Leningrad, Gos. soiuзное izd-vo
sudostroitel. promyshl., 1958. 126 p. (MIRA 11:9)
(Shipfitting)

1. 1. 1.

Montazh i ustroystvo oborudovaniya sudovykh pomeshcheniy [Installation of ship fittings, by] P. Kh. Grevel'skiy [I] A. Kh. Reznik. Leningrad, Sudpromgiz, 1958.

126 ill., 127 p. illus., 127 p.

"Literat. zap.": P. 127

REZNIK MY

Distr: 4Eld

Relation of resistance of thin PbS layers, condensed on glass, to time. N. S. Pastushuk, L. B. Litvinova, M. V. Resnik, A. I. Knarenko, and M. I. Korsunskii. *Trudy Khar'kov. Politekhn. Inst.* 5, 91-9 (1955); *Referat. Zhur., Khim.* 1956, Abstr. No. 28347. The relation was investigated of the resistance R of the vacuum-sublimed layers of PbS to time t of storage of samples under different conditions. During storage in the air at 20° for 360-480 hrs. R of different samples increases 10-1000 times according to the law $R = R_0 \exp(\alpha t)$, where α is the const. for the given sample. With the increase in temp. (investigated to 150°) the rate of R increase grows, whereby α increases with the temp. according to the formula $\alpha = A \exp(-W/RT)$. In vacuo R does not change with time. On the basis of this it was concluded that aging is conditioned, not by structural changes, but by the entrance of O into the PbS layer. The activation energy of diffusion calcd. from the temp. relation of α is 0.2-0.3 e.v. L. Kreil

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row

KNEREL', G.M.; LERNER, Ya.N.; POZDEYEV, V.I.; POPOV, V.A.; REZNIK, M.Ya.;
REYFER, Ya.A.; SKACHKOV, A.I.; STEPANOV, M.N.; KHAL'TUNEN, V.V.;
KHRAPOVA, Ye.I.; SHREDER, B.L.; STERTSER, O.N.; AVRUSHCHENKO, R.A.,
red.; KONYASHINA, A.D., tekhn.red.

[Fifty years of the Leningrad tramway] 50 let leningradskogo
tramvaia. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1957. 231 p.
(MIRA 11:1)

(Leningrad--Street railways)

GREBEL'SKIY, Petr Khaimovich; ~~BEZNIK, Meer Khaimovich~~; DORMIDONTOV, F.K.,
otvetstvennyy redaktor; KOMOLOVA, V.M., tekhnicheskii redaktor

[Mechanic's manual on the technology of fitting ship installations
and equipment] Spravochnik slessaria-dostroishchika po tekhnologii
montazha sudovykh ustroistv, del'nykh veshchei i oborudovaniia
pomeshchenii. Leningrad, Gos. soiznoe izd-vo sudostroit. promyshl.,
1956. 171 p. (MIRA 10:1)
(Shipbuilding)

GREBEL'SKIY, Petr Khaimovich; REZNIK, Meyer Khaimovich; KRUPNIKOV,
B.V., inzh., retsenzent; RIMMER, A.I., inzh., retsenzent;
LISICHEV, B.N., nauchnyy red.; LISOK, E.I., red.; FRUMKIN,
P.S., tekhn. red.

[Fitting out operations in shipbuilding] Sudovye dostroech-
nye raboty. Leningrad, Sudpromgiz, 1962. 213 p.

(MIRA 15:8)

(Shipbuilding)

AM4027873

BOOK EXPLOITATION

S/

Magdesiyev, Anatoliy Sergeyevich; Reznik, Mikhail Meylikhovich

Scanning radar indicators (Indikatory* obzorny*kh radiolokatsionny*kh stantsiy). Moscow, Voenizdat M-va obor. SSSR, 63. 0125 p. illus., biblio. 1,300 copies printed.

TOPIC TAGS: radar, radar indicator, radar scanning, radar resolution, radar sensitivity, radar accuracy, circular scan indicator, sector scan indicator, elevation-range indicator

PURPOSE AND COVERAGE: The brochure describes the principles of construction and operation of the main units of indicators used for scanning radar stations, the technical characteristics of the indicator apparatus, and also the influence of these characteristics on the tactical features of the radar stations. The brochure contains also some recommendations on the operation of indicator units, and is intended for students in military academies, officers spe-

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cializing in radio, and for a wide circle of readers interested in radar techniques.

TABLE OF CONTENTS [abridged]:

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Ch. I. Effect of indicator apparatus on the tactical-technical features of a radar - - 4

Ch. II. Circular scan indicators - - 23

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Ch. IV. Altitude measuring indicators - - 78

Ch. V. Auxiliary indicator apparatus - - 105

Literature - - 127

SUB CODE: GE, SP

SUBMITTED: 26Aug63

NR REF SOV: .010

OTHER: 004

DATE ACQ: 23Mar64

Card 2/2

REZNIK, M.M. (Baku 69, prospekt Lenina, d.132, kv.27)

Rare case of radius dislocation in the proximal and distal
radioulnar joint. Ortop., travm. i protez. 26 no.2:68 F
'65. (MIRA 18:5)

BOLENIKOV, A. Ye.: REZNIK, E. V.

Luminescence

Simple experiments in luminescence Fiz. v. shkole., no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED

RESEARCHER, A. I.; RAZNIK, V.Y.

Study of the volatile substances of garlic. Zhur. Zh. 27 no. 6:
1227-1230 Se '57. (CIA 16:2)

Leningradskiy khimiko-fizicheskii institut.
(Garlic)

REZNIK, N.D.

Method of examining the aorta by determining the rate of pulse wave spreading. Kardiologiya 5 no.2:78-81 '63 (MIRA 17:2)

1. Iz kafedry gosspital'noy terapii (zav. - prof. V.G. Vogralik) Gor'kovskogo meditsinskogo instituta imeni Kirova.

DUBINSKIY, L.M.; ZAMANSKIY, S.M.; LOPATA, A.Ya.; MAN'KO, N.S.; REZNIK,
N.D.; SKARZHEVSKIY, R.A.; TERESHCHENKO, A.I.; KOSTENKO, G.F.,
red.; TARASINKEVICH, P.P., red.; KAPLINSKIY, L.A., red.;
SOROKA, M.S., red.

[The multiple-spindle 1261M and 1262M automatic lathes and 1261P,
and 1262P semiautomatic lathes; handbook on adjustment and serv-
icing] Mnogospindel'nye tokarnye avtomaty 1261M, 1262M i poluav-
tomaty 12662P; rukovodstvo po naladke i obsluzhivaniyu. Izd. 2.
Pod red. G.F.Kostenko, P.P.Tarasinkevicha i L.A.Kaplinskogo.
Moskva, Mashgiz, 1960. 170 p. (MIRA 15:11)
(Lathes—Maintenance and repair)

BURLIY, Yu.V.; REZNIK, N.D.

Technological process of machining deep holes. Stan.i instr. 24 no.11:
32-33 N '53.

(MLRA 6:12)

(Drilling and boring)

KARAVAYEV, I.I.; REZNIK, N.F. (g. Babushkin)

Clarifiers with rotating water distributors and their operation. Vod.i san.tekh. no.9:15-19 S '59. (MIRA 12:12)
(Water--Softening)

L 2814-66

(A)

ACCESSION NR: AP5021507

UR/0327/65/000/007/0008/0011
628.31 : 665.5

AUTHOR: Reznik, N. F. (Engineer)

TITLE: A study of the separation of ballast water from petroleum products

SOURCE: Vodosnabzheniye i sanitarnaya tekhnika, no. 7, 1965, 8-11

TOPIC TAGS: sanitary engineering, pollution control, sanitation, port facility, water purification, water treatment

ABSTRACT: The Vsesoyuznyy nauchno-issledovatel'skiy institut zhelesnodorozhnogo transporta (All-Union Scientific Research Institute of Rail Transport) conducted laboratory studies of the quality of separation of ballast water from petroleum products. The laboratory developments were field-tested on tankers and in port facilities from October 1962 to October 1963. Data are given on the fluctuations of temperature, pH, surface tension, contaminant content, and other properties of the ballast water. Laboratory tests were conducted to measure the concentration of petroleum products in water which has been allowed to stand for fixed amounts of time. All but a very small fraction of the petroleum products are on top of the water after a short time. The author notes, however, that the small remaining petroleum percentage is still large enough (about 80 mg/liter) in field conditions

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L 2814-66

ACCESSION NR: AP5021507

to be objectionable. A method of "pre-separation" of the oily products is suggested. Laboratory tests were conducted to evaluate the merits of coagulants and of pressurization methods in the separation process. It was found that the use of coagulants is effective, but that low temperatures slow down the coagulation process. A discussion on standards of purity of ejected ballast water is presented, and some data on the presence of contamination in port facilities are given. Economic justification for the capital expenditure required for separation facilities is also discussed. Orig. art. has: 1 table.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: 00

NO REF SOV: 003

OTHER: 000

CC

Card 2/2

KARAVAYEV, I.I., kand.tekhn.nauk; REZNIK, N.F., inzh.

Flotation purification of sewage from petroleum products. Vod.
i san. tekhn. no.2:29-31 F '62.

(Sewage--Purification)

(MIRA 15:2)

YANISHEVSKIY, V.M., ZHUKOVSKAYA, Ye.A.; REZNIK, N.P.

Contactors for glasses with current-conducting films. Stek. i ker.
17 no.8:25-26 Ag '60. (MIRA 13:8)
(Glass) (Electric contactors)

L 3180-66 EPA(s)-2/EWT(m)/EWP(v)/T/EWP(t)/EWP(k)/EWP(b)/EWA(h)/EWA(c) IJP(c)
 ACCESSION NR: AP5015547 JD/HM

UR/0286/65/000/008/0086/0086

AUTHORS: Gubin, A. I.; Katsman, B. O.; Reznik, N. P.; Zhukovskaya, Ye. A.; Shitikova, V. I.

TITLE: A solder for soldering. Class 49, No. 170268

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 8, 1965, 86

TOPIC TAGS: solder, soldering, silver, tin, copper, antimony, lead, phosphorus

ABSTRACT: This Author Certificate presents a solder for soldering electric conductors with silver-silicate strips, containing tin, lead, antimony, and copper. To diminish the dissolution of silver in the silver-silicate strips and to strengthen the connection, 5% of silver and 0.1% of phosphorus are introduced into the solder, while its other components are held at the following percent composition:

27	tin	40.0
27	copper	5.0
27	antimony	1.5
27	lead	remainder.

Card 1/2

L 3180-66

ACCESSION NR: AP5015547

ASSOCIATION: none

SUBMITTED: 17May63

NO REF SOV: 000

ENCL: 00

OTHER: 000

SUB CODE: MM

Joining of metals and non metals 18

PC

Card 2/2

REZNIK, N.Ye., kand. tekhn. nauk.

Analyzing results obtained from testing corn harvesting machinery
in 1957. Trakt. i sel'khoz mash. no.4:16-23 Ap '58. (MIRA 11:5)
(Harvesting machinery--Testing)
(Corn (Maize)--Harvesting)

REZNIK, N.Ye., kand.tekhn.nauk

Rotor-type ensilage harvesting machinery. Trakt. i sel'khoz mash.
32 no.5:26-30 My '62. (MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyayst-
vennogo mashinostroyeniya.
(Agricultural machinery)

REFZNIK, N.Ye., kand.tekhn.nauk

Present-day development of corn-harvesting machinery in the U.S.A.
Trakt. i sel'khoz mash. 30 no.6:44-46 Je '60. (MIRA 13:11)
(United States--Corn (Maize)--Harvesting)

REZNIK, N.Ye.

[Ensilage harvesters] Silosouborochnye kombainy. Moskva, Mashgiz,
1958. 282 p.

(MIRA 11:10)

(Harvesting machinery)

REZNIK, N.Ye., kand. tekhn. nauk

Using partly self-propelled chassis to combine agricultural machines
with wheeled tractors. Trakt. i sel'khoz mash. no.4:24-27 Ap '59.

(MIRA 12:5)

(Agricultural machinery)

REZNIK, N.Ye.; ANISIMOVA, P.I.

The KKH-3 corn-picking combine mounted on a semi-automotive chassis. Biul.tekh.-ekon.inform. no.1:61-62 '60.
(MIRA 13:5)

(Corn picker (Machine))

REZNIK, N.Ye., kand.tekhn.nauk

Semimounted KSP-1,8 ensilage harvester. Mekh. i elek. sots. sel'khoz.
16 no.3:49-50 '58. (MIRA 11:6)

1.Vsesoyuznyy institut sel'skokhozyaystvennogo mashinostroyeniya.
(Harvesting machinery) (Ensilage)

REZNIK, N.Ye., kand.tekhn.nauk

Development of the construction of ensilage harvesters in the
U.S.A. Trakt. i sel'khoz mash. no. 1:41-45, Ja. '58. (MIRA 11:4)
(United States--Agricultural machinery industry)

REF. NO. (12)

1. Chemical Sciences

10. Re: [redacted], [redacted] - [redacted] 1972

REZNIK, N.Ye., kandidat tekhnicheskikh nauk.

Some design characteristics of an SK-2,6 ensilage combine.

Sel'khoz mashina no.11:16-19 N '54.

(MIRA 7:11)

(Agricultural machinery)

REZNIK, N.Ye.

Diagram and design of the KSE-2,6 corn silage harvester. Sel'-
khoz mashina no.9:3-6 S '56. (MLRA 9:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokho-
zyzystvennogo mashinostroyeniya.
(Corn picker (Machine)) (Ensilage)

REZNIK, N.Ye., kandidat tekhnicheskikh nauk.

Results of extensive productive use of the SK-2,6 ensilage
harvester. Sel'khoz mashina no.2:10-13 F'55. (MLRA 8:3)
(Ensilage) (Harvesting machinery)

REZNIK, N.Ye., kandidat tekhnicheskikh nauk.

Results of the comparative testing of machines for separate
harvesting of corn ears and stalks during the milk stage.

Sel'khoz mashina no.3:4-10 Mr '56. (MIRA 9:7)
(Combines (Agricultural machinery)) (Corn picker (Machine))

REZNIK, N.Ye., kand. tekhn. nauk

Results obtained in testing corn-harvesting machinery. Trakt. i
sel'khoz mash. no.5:16-21 My '59. (MIRA 12:6)
(Corn picker (Machine)--Testing)

REZNIK, N.Ye., kand. tekhn. nauk; BREMER, G.I., zasl. deyatel'
nauki i tekhniki RSFSR, doktor tekhn. nauk, prof.,
retsenzent

[Silage harvesting combine; theory and design] Silo-
souborochnye kombainy; teoriya i raschet. Moskva, Ma-
shinstroenie, 1964. 446 p. (MIRA 18:2)

REZNIK, M.Ye., kand. tekhn. nauk

Drum-type grinding and throwing apparatus of a silage harvester.
Trakt. i sel'khoz mash. no.9:19-23 S '64.

(MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyayst-
vennogo mashinostroyeniya.

REZNIK, O.

Our young contemporaries ("Young people" A.Bek, N.Loiko. Reviewed
by O.Reznik). Sov.profsoiuzy 3 no.3:84-88 Nr '55. (MIRA 8:4)
(Bek, A.) (Loiko, N.)

REZNIK, P.; KONDRATENKO, I., преподаvatel'; SHTOKMAN, Ye., преподаvatel'

Technical school and young foremen. Prof.-tekh. obr 20 no.3:18 Mr '63.
(MIRA 16:3)

1. Zamestitel' direktora Khar'kovosko industrial'nogo tekhnika
professional'no-tekhnicheskogo obrazovaniya po uchebnoy chasti (for
Reznik).

(Vocational education)

REZNIK, P.; BEPEZIN, P., prepodavatel'; KOIDATENKO, I., prepodavatel';
SHTOIRAN, Ye., prepodavatel'

Pedagogical training of a foreman. Prof.-tekh.obr. 19 no.1:17
Ja '62. (MIRA 15:1)

1. Zamestitel' direktora po uchebnoy chasti Khar'kovskogo
industrial'nogo tekhnikuma (for Reznik).
(Teachers, Training of)

REZNIK, P. A.

USSR/Medicine - Transmitters of Infectious Jun 51
Diseases

"The Role of Environmental Factors in the Development of Ticks," P. A. Reznik

"Parroda" No 6, pp 59, 60

The effects of temp and humidity on the tick *Dermacentor marginatus* were investigated by plotting curves with the abscissa showing the number of eggs laid by a female full of blood and the ordinate showing the temp. The curves were plotted for humidities of 100, 60, 30, and 0%. Egg-laying

2227112

is normal between 20 and 35°, zero at 40°, and poor below 20°C. The max rate of egg-laying was found at 30°C and 100 percent humidity. The most favorable conditions for the development of the tick are at temps between 25 and 35° with a humidity of approx 60%.

2227112

MEZNIK, P. A.

MEZNIK, P. A. "Biological research on the mole cricket (*Gryllotalpa gryllotalpa*, L.),
Sbornik trudov In-ta (Ostavop. ser. ped. in-t), Issue 2, 1948, p. 118-51, - Bibliog:
43 items.

SO: U-3042, 11 March 49, (Detcpis Zhurnal In kh Statey, No. 7 1949).

REZNIK, P.A.

TER-BARTANOV, V.N.; GUSEV, V.M.; BAKYEV, N.N.; LABUNETS, N.F.; GUSEVA, A.A.;
REZNIK, P.A.

Transmission of ectoparasites of mammals by birds. Zool. zhur. 33
no.5:1116-1125 S-0 '54. (MLRA 7:11)

1. Nauchno-issledovatel'skiy institut Ministerstva zdravookhraneniya
SSSR i Stavropol'skiy gosudarstvennyy pedagogicheskiy institut.
(Parasites--Mammals) (Birds as carriers of disease)

REZNIK, P.A.

Influence of geographical factors on animal coloration. Mat.k pozn.
fauny i flory SSSR. Otd.zool.no.34:107-112 '56. (MLRA 10:1)
(Color of insects) (Ticks)

TER-VARTANOV, V.N.; GUSEV, V.M.; REZNIK, P.A.; GUSEVA, A.A.; MIRZOYEVA, M.N.;
BOCHARNIKOV, O.N.; BAKYEV, N.N.

Study on the transmission of ticks and fleas by birds [English summary
in insert]. Zool.zhur.35 no.2:173-189 F '56. (MLRA 9:7)

1.Nauchno-issledovatel'skiy institut Kavkaza i Zakavkaz'ya, Ministerstva
zdravookhraneniya SSSR i Stavropol'skiy gosudarstvennyy pedagogicheskiy
institut.

(Parasites--Birds) (Ticks) (Fleas)

REZNIK, P.A.

Anomalies in the body structure of ixodid ticks [with English summary
in insert]. Zool.zhur. 35 no.6:833-836 Je '56. (MLRA 9:10)

1. Kafedra zoologii Stavropol'skogo gosudarstvennogo pedagogicheskogo
instituta.

(Ticks)

REZNIK, P.A.

Study of immature phases of ixodid ticks [with English summary in
insert] Zool.zhur.35 no.8:1152-1162 Ag '56. (MIRA 9:10)

1.Stavropol'skiy gosudarstvennyy pedagogicheskiy institut.
(Ticks) (Larvae)

REZNIK, P.A.

Ixodes gussevi, sp.n., a new species of ticks from Azerbaijan
[with summary in English]. Zool. zhur. 37 no.3:457-458 Mr '58.
(MIRA 11:4)

1. Stavropol'skiy gosudarstvennyy pedagogicheskiy institut.
(Kutkashen District--Ticks) (Parasites--Weaverbirds)

REZNIK, P. A.

"On Special Features of the Habitats of Ticks of the *Rhipicephalus*
Genus in the Soviet Union."

Tenth Conference on Parasitological Problems and Diseases with Natural
Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of
Sciences, USSR, Moscow-Leningrad, 1959.

Stavropol' Teachers Institute

REZNIK, P.A.

Study of immature stages in ticks of the family Ixodidae. Report
No.4: Morphology of nymphs in the genus Dermacentor Koch. Zool.
zhur. 38 no.12:1797-1805 D '59. (MIRA 13:5)

1. Stavropol State Pedagogical Institute.
(Ticks) (Insects--Development)

REZNIK, P.A.

Formation of the adult ixodid tick in its nymph. Zool.zhur. 39
no.1:142-143 Ja '60. (MIRA 13:5)

1. Stavropol State Pedagogical Institute.
(Ticks) (Insects--Development)

1970-71 2, 3, 4, 5, 6

Large no. records of animal identification and utilization of paper
 perforated index cards in the practical work of a zoologist. 700.
 Shum. 44 n-13321-1332 165. (MIRA 18:10)

These are methods of achieving identification and
described index cards in the practical work of a zoologist. 1947

SHAW, L. A. R., 1922-1932 465.

ME FA 18:10

...the ... of ...

GUSEV, V.M.; GUSWA, A.A.; REZNIK, P.A.

Role of birds in the distribution of fleas (Suctoria) and
ticks (Ixodoidea) in Daghestan. Not. paras. i paraz. bol.
38 no.6:738-739 H-D '63. (MIRA 18:1)

1. Iz Nauchno-issledovatel'skogo p'rirodopisnogo instituta
Kavkaza i Zakavkaz'ya i Stavropol'skogo pedagogicheskogo
instituta.

REZNIK, P.A.

Study of the immature stages of ticks of the family Ixodidae.
Trudy Nauch.-issl. protivochum. inst. Kav. i Zakav. no.5:276-
286 '61. (MIRA 17:1)

1. Stavropol'skiy gosudarstvennyy pedagogicheskiy institut.

REZNIK, P.A.; TREUGAFT, Ye.M., otv. red.; BARANOVSKAYA, L.V., tekhn.
red.

[Guide to the vertebrates of Stavropol Territory]Opredelitel'
pozvonochnykh zhivotnykh Stavropol'skogo kraia. Stavropol',
Stavropol'skoe knizhnoe izd-vo, 1962. 72 p. (MIRA 16:4)
(Stavropol Territory--Vertebrates)

FRIDLYANDER, I.N.; ROMANOVA, O.A.; ARCHAKOVA, Z.N.; GUR'YEV, I.I.;
DRONOVA, N.P.; PETROVA, A.A.; BYCHKOVA, Z.S.; Prinsipali
uchastiye: FOMIN, K.N.; LEBEDEVA, N.S.; REZNIK, P.G.;
AVERKINA, N.; ZHELTOVSKAYA, L.S.; VOROB'YEV, Yu.A.;
TYURIN, N.N.

Manufacture and investigation of semifinished products from
high-strength and heat-resistant VAD23 aluminum alloys.
Alum. splavy no.3:194-200 '64. (MIRA 17:6)

FRIDLYANDER, I.N. (Moskva); ROMANOVA, O.A. (Moskva); ARCHAKOVA, Z.N.
(Moskva); Primali uchastiye: REZNIK, P.G.; LEBEDEVA, N.S.

Mechanical properties of heat-resistant aluminum alloys with
lithium and cadmium, Izv.AN SSSR. Otd.tekh.nauk. Met.i topl.
no.4:82-89 J1-Ag 62. (MIRA 15:8)
(Aluminum alloys--Testing)
(Heat-resistant alloys--Testing)

KROTOVSKIY, S., kand.tekhn.nauk; REZNIK, S., inzh.

Elements of houses made of three-dimensional blocks. ~~Zh~~^{El}. stroi.
no.2:12-15 '63. (MIRA 16:3)
(Buildings, Prefabricated) (Building--Details)

REZNIK, S.

Taming the explosions. Nauka i zhizn' 29 no.1:62-63 Ja '62.
(MIRA 15:3)

1. Korrespondent zhurnala "Nauka i zhizn'".
(Earthwork)

KOLESNIKOV, Mikhail Sergeyevich; REZNIK, S., red.

Lobachevskii. Moskva, Molodaia gvardia, 1965. 317 p.
(Zhizn' zamechatel'nykh liudei. Seriya biografii,
no.3(400)) (MIRA 18:4)

NIKOLAYEV, N. (name, title, rank); KITAIN, L., (name, title, rank); REZNIA, S.,
Inzh.

ways of developing three-dimensional block housing construction.
Arch. strel. no. 17:9-12 '64. (MIRA 15:4)

84-58-2-32/46

AUTHOR: Reznik, S.

TITLE: ~~With the Aviation Workers of Yakutsk~~ (U aviarabotnikov Yakutsk)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 2, p 36 (USSR)

ABSTRACT: This short note reports on the airport of Yakutsk. Some pilots and specialists are commended, some mildly criticized. The airport is said to improve from day to day. The hotel for transit passengers is well furnished. A new heating boiler heats all rooms. A clubroom, canteen, bathhouse, two stores and three 12-apartment houses have been added recently to the airport settlement.

AVAILABLE: Library of Congress

1. Airports - USSR

Card 1/1

MILOV, Yevgeniy; PISARZHEVSKIY, O., red.; REZNIK, S., red.

Zhizn' Zolinskii. Moskva, Molodaiia gvardiia, 1964. 255 p.
(Zhizn' zamechatel'nykh liudei. Seriia biografii,
no. 36(395)) (MIRA 18:1)

1. REZENIK, Sof'ia
2. USSR (600)
4. Seryshev, Pavla Andreevna
7. Birth of an expert. Krest'ianka 31, No. 5, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

12 6000

33615

S/025/62/000/001/004/004
D254/D302

AUTHOR: Reznik, S.

TITLE: Taming a blast

PERIODICAL: Nauka i zhizn', no. 1, 1962, 62-63

TEXT: The author was accompanied by A.A. Deribas, Candidate of Physical and Mathematical Sciences, on a visit near Novosibirsk where experiments were carried out by an expedition of the Institut gidrodinamiki SO AN SSSR (Institute of Hydrodynamics, Siberian Branch of the AS USSR) led by V.M. Kuznetsov, Candidate of Technical Sciences. The work was carried out in collaboration with M.M. Dokuchayev, Chief Engineer, and L.A. Paporotskiy, Chief Engineer of the Production-Experimental Management of the Trust 'Soyuzvzryvprom', and was concerned with testing of a new theory of guided explosions propounded by the Director of the Institute of Hydrodynamics, Academician, M.A. Lavrent'yev and his two students V.M. Kuznetsov, and Ye.I. Sher. The idea of the scientists was that a guided explosion could be achieved if the section of soil marked for removal

Card 1/2

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S/025/62/000/001/004/004
D254/D302

Taming a blast

possessed the properties of a solid body. To obtain the desired effect it was suggested that the charge should be spread over the entire contour of the soil marked for removal. Such a distribution of the explosive would exert a simultaneous pressure on the soil from different sides and would prevent it from scattering. The second idea was that the mass of the blasted soil behaved towards the surrounding soil as an ideal liquid, i. e. that the cohesion between the particles is negligibly small and that the explosion would only have to overcome the weight of the soil to be moved. The final assumption was that the action of the explosion was based on the principle of momentum i.e. the efficiency of the explosion depends on the product of pressure and the time of its action, and does not depend separately on pressure or time. Calculations carried out on the basis of these assumptions established a law for the distribution of the charge around the section of soil marked for removal. The results obtained so far confirmed the correctness of the hypotheses put forward by the scientists. There is 1 figure. X

Card 2/2